

DATE: JANUARY, 2003

MATERIAL SAFETY DATA SHEETS

FOR COATINGS, RESINS AND RELATED MATERIALS

SECTION I

Manufacturers Name SHEFFIELD BRONZE PAINT CORP Emergency Phone No.
Street Address 17814 S.WATERLOO RD. (216) 481-8330
City, State, Zip CLEVELAND, OHIO 44119

TRANSPORTATION EMERGENCIES: CHEMTREC

PRODUCT NUMBER: 2-718 (800) 424-9300 CONTINENTAL U.S.

PRODUCT NAME: SUPERLITE GOLD LEAF FINISH (202) 483-7616 (COLLECT) FROM

PRODUCT CLASS: METALLIC PIGMENTED LACQUER ALASKA & HAWAII

SECTION II - HAZARDOUS INGREDIENTS

INGREDIENTS	* CAS NUMBER*	PERCENT*	TLV	VAPOR PRESSURE
	*	*	* PPM MG/M3*	LEL * MM/HG
STYRENEATED ACRYLIC :	:	:	:	:
LACQUER RESIN	25036-16-2	15.98	:	:
@XYLENE	1330-20-7	45.61	100	1.0% 21@ 100Dgr. f.
@MIXED AROMATIC	:	:	:	:
SOLVENTS	64742-95-6	15.98	50	:
BRONZE POWDERS	:	22.44	:	:
COPPER	7440-50-8	:	:	:
ZINC	7440-66-6	:	:	:

All INGREDIENTS ARE LISTED ON THE EPA/TSCA INVENTORY

SARA TITLE III SECTION 313 REPORTING FOR SUPERFUND AMENDMENTS

SECTION III - PHYSICAL DATA

Boiling Range 280-295 DGR: Vapor Density: HEAVIER than AIR
Evaporation Rate SLOWER THAN ETHER
V.O.C.: 5.79#/Gallon; 694 Grams/Litre
Percent Volatile by Weight - 61.59
Percent Volatile by Volume - 81 Wgt per GALLON- 9.4 LBS.

SECTION IV - FIRE and EXPLOSION DATA

DOT CATEGORY -FLAMMABLE LIQUID FLASH POINT-80DGR. F LEL- 1.7%
EXTINGUISHING MEDIA CO-2, DRY CHEMICAL, FOAM, FOG. DO NOT use direct stream of water
UNUSUAL FIRE AND EXPLOSION HAZARDS:

VAPORS ARE HEAVIER THAN AIR AND MAY ACCUMULATE IN LOW OR UNVENTILATED AREAS.

SPECIAL FIRE FIGHTING PROCEDURES-DO NOT ENTERCONFINED FIRE SPACE WITHOUT
PROPER PROTECTIVE EQUIPMENT INCLUDING a N.O.I.S.H. APPROVED BREATHING APPARATUS.

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE- 100ppm FOR 8 HOUR WORKDAY RECOMMENDED.
EFFECTS OF OVEREXPOSURE- INHALATION OF HIGH VAPOR CONCENTRATIONS MAY CAUSE
DIZZINESS AND HEADACHES TO UNCONSCIOUSNESS. PROLONGED CONTACT WITH THE SKIN WILL DRY
AND DEFAT THE SKIN, LEADING TO IRRITATION AND DERMATITIS.
EMERGENCY & FIRST AID PROCEDURES - IF OVERCOME BY VAPOR, REMOVE FROM EXPOSURE
IMMEDIATELY-CALL PHYSICIAN. IF BREATHING IS IRREGULAR OR STOPPED, START
RESUSCITATION, ADMINISTER OXYGEN. IF INGESTED, DO NOT INDUCE VOMITING, CALL
PHYSICIAN. IF SKIN CONTACT, REMOVE CLOTHING, WASH SKIN WITH SOAP AND WATER.
FLUSH EYES WITH CLEAR WATER IF NECESSARY.

SECTION VI - REACTIVITY DATA

STABILITY-STABLE CONDITIONS TO AVOID

INCOMPATIBILITY: THIS PRODUCT IS INCOMPATIBLE WITH STRONG OXIDIZING AGENTS, STRONG ACIDS OR BASES AND SELECTED AMINES.

HAZARDOUS DECOMPOSITION PRODUCTS- FUMES, SMOKE AND CARBON MONOXIDE, IN THE CASE OF COMPLETE COMBUSTION.

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

CONDITIONS TO AVOID:

SECTION VII - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

Remove all sources of ignition, ventilate, avoid breathing vapors SEE SECTION X
Remove with INERT ABSORBENT (sand, earth, sawdust etc.)

WASTE DISPOSAL METHOD: DISPOSE IN ACCORDANCE WITH FEDERAL, STATE, & LOCAL REGULATIONS.
IF DISCARDED THIS PRODUCT MAY BECOME AN IGNITABLE, HAZARDOUS WASTE.

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY PROTECTION- USE HYDROCARBON VAPOR CANISTER OR AIR RESPIRATOR
IN CONFINED OR ENCLOSED SPACES, IF NEEDED.

VENTILATION- LOCAL EXHAUST FACE VELOCITY > 60 fpm; USE ONLY WITH
ADEQUATE VENTILATION, USE EXPLOSION PROOF EQUIPMENT, NO SMOKING OR OPEN LIGHTS.

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED OR REPEATED CONTACT

EYE PROTECTION: SAFETY GLASSES WITH UNPERFORATED SIDESHIELDS

OTHER PROTECTIVE EQUIPMENT- USE CHEMICAL RESISTANT APRON OR CLOTHING, AVOID
REPEATED OR PROLONGED SKIN CONTACT.

SECTION IX - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING & STORAGE:

USE ADEQUATE VENTILATION EQUIVALENT TO THE OUTDOORS. KEEP CONTAINERS CLOSED WHEN
NOT IN USE. DO NOT HANDLE OR STORE NEAR HEAT, SPARKS, FLAME, OR STRONG OXIDANTS.
USE DURING PREGNANCY SHOULD BE AVOIDED. MAY CAUSE HARM TO DEVELOPING FETUS.

OTHER PRECAUTIONS- AVOID INHALING VAPORS, AVOID PROLONGED OR REPEATED CONTACT
WITH SKIN. REMOVE CLOTHING AND SHOES AND LAUNDER THOROUGHLY BEFORE REUSE. WASH
SKIN THOROUGHLY WITH SOAP AND WATER AFTER CONTACT.

SECTION X - HAZARDOUS MATERIAL IDENTIFICATION

LISTED IN THIS SECTION IS NPCA-HMIS CLASSIFICATION FOR THIS PRODUCT

Health	: 2	2	:
Flammability	: 3	3	:
Reactivity	: 0	0	:
Personal Protection:	H	H	:

The information contained herein is believed to be accurate and complete to the best of
Sheffield Bronze's knowledge at the time of issuance. Sheffield Bronze does not
warranty the accuracy of this data and shall not be liable for any loss or damage
arising from the use thereof. Information above pertains to this product as currently
formulated. Addition of other additives may alter the Composition and Hazards WE MAKE
NO WARRANTIES, EXPRESS OR IMPLIED AND ASSUME NO LIABILITY WITH USE OF THIS INFORMATION.